

Converting Colors

YIQ(188.6080, 29.6220,
-19.2260)

Have a look what the booklet for
YIQ(188.6080, 29.6220, -19.2260)
contains.

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Color

**YIQ(188.6080, 29.6220,
-19.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC17B
RGB	205, 193, 123
RGB Percent	80%, 76%, 48%
CMY	0.1961, 0.2431, 0.5175
CMYK	0.00, 0.06, 0.40, 0.20
HSL	51°, 45%, 64%
HSV	51°, 40%, 80%
XYZ	47.8225, 52.5474, 26.3754
YIQ	188.6080, 29.6220, -19.2260

Conversions

Conversions Part 2

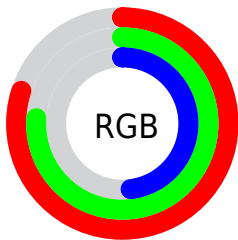
Format	Color
RYB	137, 205, 123
Decimal	13484411
CIELab	77.61, -5.80, 36.72
CIElCh	78, 37.172, 98.973
Yxy	52.5474, 0.3773, 0.4146
Android (android.graphics.Color)	4291674491 (0xFFCDC17B)
YUV	188.6080, -32.3447, 14.3758
Hunter-Lab	72.4896, -9.0975, 29.1700

Details

The YIQ color **188.6080, 29.6220, -19.2260** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **139.3920, -29.6220, 19.2260**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4720, 27.0090, -21.4310**, and **135.0530, 26.8710, -18.9290** is the 20% darker color. If you saturate the color by 10%, you get **184.5670, 36.8670, -23.8770**, and if you desaturate by 10%, it is **192.7630, 22.0560, -14.2640**.

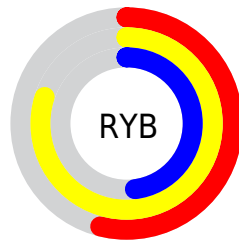
Distribution



Red (80%)

Green (76%)

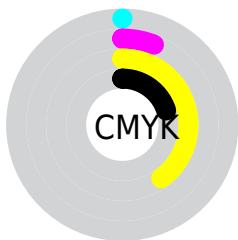
Blue (48%)



Red (54%)

Yellow (80%)

Blue (48%)

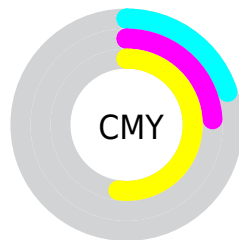


Cyan (0%)

Magenta (6%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.6080, 29.6220, -19.2260 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 188.6080, 29.6220, -19.2260 by changing the saturation by 10% instead.

■ 188.6080, 29.6220,
-19.2260

■ 188.6080, 29.6220,
-19.2260

■ 255.0000, -0.0000,
-0.0000

■ 161.5370, 28.3840,
-18.8160

■ 242.4720, 27.0090,
-21.4310

■ 135.0530, 26.8710,
-18.9290

■ 249.1860, 16.3710,
-15.8610

■ 109.2810, 26.2290,
-18.3070

■ 252.4920, 7.0620,
-6.8420

■ 84.3840, 24.4410,
-18.9430

■ 60.5580, 23.8910,
-19.9890

■ 40.4680, 15.6370,
-13.5710

■ 20.9650, 7.1080,

-7.6760

■ 0.0000, 0.0000,
0.0000

■ 188.6080, 29.6220,
-19.2260

■ 188.6080, 29.6220,
-19.2260

■ 184.5670, 36.8670,
-23.8770

■ 192.7630, 22.0560,
-14.2640

■ 180.4120, 44.4330,
-28.8390

■ 196.8040, 14.8110,
-9.6130

■ 176.3710, 51.6780,
-33.4900

■ 200.9590, 7.2450,
-4.6510

■ 172.2160, 59.2440,
-38.4520

■ 205.0000, -0.0000,
0.0000

■ 168.1750, 66.4890,
-43.1030

■ 209.1550, -7.5660,
4.9620

■ 164.0200, 74.0550,
-48.0650

■ 213.1960,
-14.8110, 9.6130

■ 215.9830,
-18.5250, 10.8430

■ 217.7440,
-19.3500, 9.2740

■ 219.5050,
-20.1750, 7.7050

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.4030, 49.7930, -4.8230



188.6080, 29.6220, -19.2260



184.7120, -0.2700, -28.1580

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188.6080, 29.6220, -19.2260



169.4030, -91.1900, -21.3820



196.8970, 29.2920, 30.8280

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



188.6080, 29.6220, -19.2260



139.3920, -29.6220, 19.2260

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195.7930, -2.7100, 27.0980



188.6080, 29.6220, -19.2260



179.3380, -74.2290, -3.8690

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.6080, 29.6220, -19.2260



172.1860, -71.8860, -29.8220



189.6140, -39.2950, 12.8090



193.9620, 47.8620, 24.6780

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.6080, 29.6220, -19.2260



181.0390, -23.2400, -30.3760



189.6140, -39.2950, 12.8090



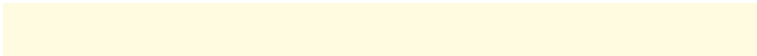
196.9220, 18.9760, 30.5600

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



188.6080, 29.6220, -19.2260



249.1180, 11.0510, -7.5490



148.8860, 45.0200, 21.1160



124.1870, 6.6030, -4.0290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.6080, 29.6220, -19.2260



230.5260, 44.1120, -28.5280



186.9810, 9.0380, -31.6500



100.2730, 3.4850, -2.5870



132.4010, 60.1610, -38.5510



30.7330, 13.5730, -9.2030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



139.3920, -29.6220, 19.2260



157.4740, -44.1120, 28.5280



141.0190, -9.0380, 31.6500



93.7270, -3.4850, 2.5870



33.0120, -59.8860, 39.0740



7.8540, -13.8480, 8.6800

Previews

White Background



This preview shows how the YIQ color 188.6080, 29.6220, -19.2260 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 188.6080, 29.6220, -19.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

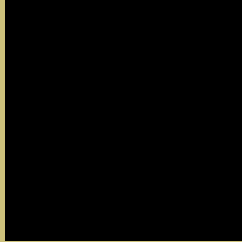
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.6080, 29.6220, -19.2260

Background



This preview shows how black text looks on a background with the YIQ color 188.6080, 29.6220, -19.2260.



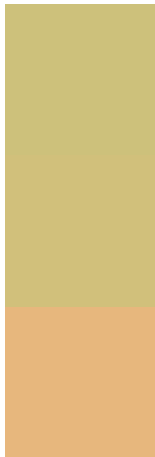
This preview shows how white text looks on a background with the YIQ color 188.6080, 29.6220, -19.2260.

-19.2260.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

188.6080, 29.6220, -19.2260

Protanopia

189.2170, 32.2810, -17.8550

Deuteranopia

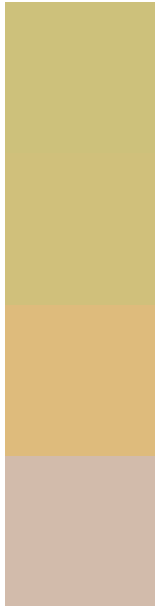
190.7400, 47.2260, -7.8620



Tritanopia

194.2670, 12.7900, 10.5020

Trichromacy



Original Color

188.6080, 29.6220, -19.2260

Protanomaly

188.9180, 31.6850, -18.0670

Deuteranomaly

190.2830, 41.0830, -12.1730

Tritanomaly

192.0530, 18.8440, -0.1000

Monochromacy



Original Color

188.6080, 29.6220, -19.2260

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.6450, 11.0050, -6.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6080, 29.6220, -19.2260 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 193, 123)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 193, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 123) }
```

Border

The CSS property to change the border of an element to YIQ 188.6080, 29.6220, -19.2260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 193, 123) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 193, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 193, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 123);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6080, 29.6220, -19.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
193, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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